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Docket No. 740756-875

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of)
Shunpei YAMAZAKI)
Serial No. 08/065,757) Examiner: C. M. Koslow
Filed: May 24, 1993) Group Art Unit: 1755
For: SUPERCONDUCTING CERAMICS) Confirmation No. 3615
)

REQUEST FOR ACKNOWLEDGMENT OF
INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

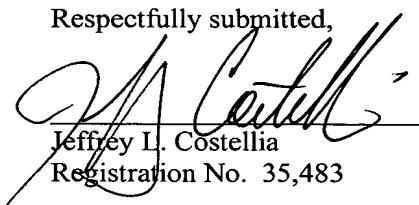
Sir:

An Information Disclosure Statement with Form PTO-1449 was filed in the above-identified patent application on April 5, 2004 and April 22, 2004. Applicants have not yet received back from the Examiner a copy of the Form PTO-1449 initialed to acknowledge the fact that the Examiner has considered the cited disclosed information.

The Examiner is requested to initial and return to the undersigned a copy of the subject Form PTO-1449.

Should there be any questions concerning this communication, please telephone the undersigned at the number set forth below.

Respectfully submitted,


Jeffrey L. Costellia
Registration No. 35,483

Nixon Peabody LLP
401 9th Street, N.W.
Suite 900
Washington, DC 20004-2128
(202) 585-8000
Fax: (202) 585-8080

- IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

This will acknowledge receipt of the following:

1. Information Disclosure Statement with PTO-1449 and references
5. Permission to charge Deposit Account # 19-2380 in the amount of \$180.00
(\$180 IDS Fee)

In re Patent Application of:

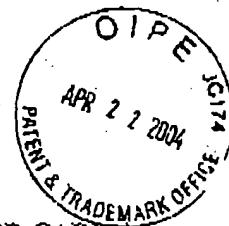
Inventor(s): Shunpei YAMAZAKI

Serial No.: 08/065,757

Filed: May 24, 1993

Title: SUPERCONDUCTING CERAMICS

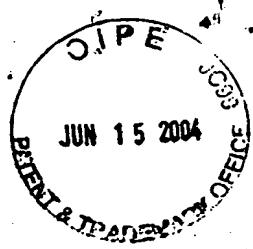
Docket No. 740756-875



[JLC/plp] 8683
Date: 4/22/2004

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PLEASE DATE STAMP AND RETURN

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Shunpei YAMAZAKI
Serial No. 08/065,757
Filed: May 24, 1993
For: SUPERCONDUCTING CERAMICS

)
Examiner: Carol Koslow
Group Art Unit: 1755

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, it is requested that the references listed on the attached Form PTO-1449 be made of record in the above-identified application.

The references listed on pages 1 and 2 of the attached Forms PTO-1449 were noted in the Information Disclosure Statement of April 5, 2004 but were inadvertently omitted. The references noted on pages 1 and 2 of PTO-1449 were previously cited in the above application on September 7, 2002 but were not considered by the Examiner. For this reason, copies of the noted references are not being provided with this document. However, if the references have been misplaced the applicant will provide the Examiner with duplicate copies. Consideration of these references is now requested.

Applicant also wishes to bring to the Examiner's attention page 3 of the attached PTO-1449 which note the following publications "Extended Abstracts of Annual Scholar Meeting" (The 36th Spring Meeting, 1989) 2A-E-7/pp. 101; and "Extended Abstracts of Annual Scholar Meeting" (The 36th Spring Meeting, 1989) 2A-E-8/pp. 101, which were noted in the prior Information Disclosure Statement of April 5, 2004 but were not available at that time. In addition to the above, applicant also wishes to bring to the Examiner's attention the Official Action dated November 5, 2003 which was issued in the related application Serial No. 07/859,254 to Shunpei Yamazaki and U.S. Patent No. 6,506,709 B1 issued to Yamazaki. In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, Applicants hereby submit the following information in conformance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

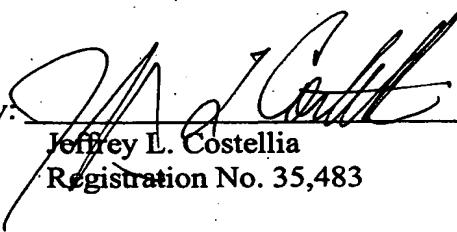
It is requested that the amount of \$180 be charged to the undersigned's deposit account as provided in the attached Fee Transmittal to comply with the provisions of 37 C.F.R. § 1.97(c).

It is requested that the accompanying PTO-1449 be considered and made of record in the above-identified application. To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initial a copy of this form be returned to the undersigned.

The Commissioner is hereby authorized to charge any fees connected with this filing which may be required now, or credit any overpayment to Deposit Account No. 19-2380.

Respectfully submitted,

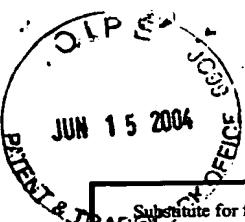
By:


Jeffrey L. Costellia
Registration No. 35,483

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JUN 15 2004



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(use as many sheets as necessary)

Sheet

3

of

3

Complete if Known

| | |
|------------------------|------------------|
| Application Number | 08/065,757 |
| Filing Date | May 24, 1993 |
| First Named Inventor | Shunpei YAMAZAKI |
| Art Unit | 1755 |
| Examiner Name | Carol Koslow |
| Attorney Docket Number | 740756-875 |

| U.S. PATENT DOCUMENTS | | | | | |
|--------------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials ¹ | Cite No. ¹ | U.S. Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number - Kind Code ² (if known) | | | |
| | | US-6,506,709 B1 | 01/14/2003 | Yamazaki | |
| | | US- | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁴ |
|--------------------------------|-----------------------|---|--------------------------------------|--------------------------------|--|---|----------------|
| | | Country Code ³ Number ⁴ | Kind Code ² (if known) | | | | |
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

| | | | |
|--------------------------------|-----------------------|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | Extended Abstracts of Annual Scholar Meeting (The 36 th Spring Meeting, 1989) 2A-E-7/pp. 101 | |
| | | Extended Abstracts of Annual Scholar Meeting (The 36 th Spring Meeting, 1989) 2A-E-8/pp. 101 | |
| | | Shunpei Yamazaki "Official Action for Serial No. 07/859,254 dated November 5, 2003" | |

Examiner Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Form PTO-1449
(Rev. 8-83)Department of Commerce
Patent and Trademark Office

Atty Docket 0756-875

Serial No. 08/065,757

JUN 15 2004

INFORMATION DISCLOSURE STATEMENT

Applicants: Shunpei YAMAZAKI

Filing Date: May 24, 1993

Group Art Unit: 1109

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

| Examiner Initial | |
|------------------|--|
| | Jorgansen et al., "Lattice Instability and High-Tc Superconductivity in La...", pp. 1024-1027, March 9, 1987, Physical Review Letters, Vol. 58, No. 10 |
| | Mattheiss, "Band properties and Superconductivity in ...", pp. 1028-1030, March 9, 1987, Physical Review Letters, Vol. 58, No. 10 |
| | Chu et al., "Evidence for Superconductivity Above 40k in the La-Ba-Cu-O Compound System", pp. 405-407, January 26, 1987, Physical Review Letters, Vol. 58, No. 4 |
| | Chu et al., "Superconductivity at 52.5 k in the Lanthanum-Barium-Copper-Oxide System", pp. 567-569, January 30, 1987, Reports |
| | Bednorz et al., "Possible High Tc Superconductivity in the Ba-La-Cu-O System", pp. 189-193, 1986, Condensed Matter, 64 |

Examiner

Date Considered

*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449
(Rev. 8-83)

JUN 15 2004

U.S. Patent and Trademark Office
Information Disclosure Statement

Atty Docket 0756-875

Serial No. 08/065,757

Applicants: Shunpei YAMAZAKI

Filing Date: May 24, 1993

Group Art Unit: 1109

U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Name | Class | Subclass | Filing Date (if appropriate) |
|------------------|-----------------|------------|-----------------|-------|----------|------------------------------|
| | 4,797,510 | 01/10/1989 | Mihelich | | | |
| | 4,826,808 | 05/02/1989 | Yurek et al. | | | |
| | 4,900,715 | 02/13/1990 | Cooper et al. | | | |
| | 4,916,116 | 04/10/1990 | Yamazaki | | | |
| | 4,959,345 | 09/25/1990 | Yamazaki | | | |
| | 4,971,667 | 11/20/1990 | Yamazaki et al. | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initial | Document Number | Date | Country | Class | Subclass | Translation Yes No |
|------------------|-----------------|------------|---------|-------|----------|--------------------|
| | 63-225531 | 09/20/1988 | JP | | | Eng Abst |
| | 63-225572 | 09/20/1988 | JP | | | Eng Abst |
| | 63-230563 | 09/27/1988 | JP | | | Eng Abst |
| | 63-233063 | 09/28/1988 | JP | | | Eng Abst |
| | 63-233064 | 09/28/1988 | JP | | | Eng Abst |
| | 63-236712 | 10/03/1988 | JP | | | Eng Abst |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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|------------------|---|
| Examiner Initial | Er-Rakho et al., "A Series of Oxygen-Defect Perovskites Containing Cu ^{II} and Cu ^{III} in the Oxides La _{3-x} Ln _x Ba ₃ [Cu _{5-2y} Cu _{12y}]O _{4+y} ", pp. 151-156, 1981, Journal of Solid State Chemistry 37 |
| | LePage et al., "Room-Temperature Structure of the 90k Bulk Superconductor YBa ₂ Cu ₃ O _{8-x} ", pp. 7245-7248, May 1, 1987, Physical Review B Vol. 35, No. 13 |
| | Engler et al., "Superconductivity Above Liquid Nitrogen Temperature: Preparation and Properties of a Family of Perovskite-Based Superconductors", pp. 2848-2849, 1987, J. Am. Chem. Soc., 109 |
| | Shaplygin et al., "Preparation and Properties of the Compounds Ln ₂ CuO ₄ (Ln=La, Pr, Nd, Sm, Eu, Gd) and Some of their Solid Solutions", pp. 820-824, 1979, Russian Journal of Inorganic Chemistry, 24(6) |
| | Politts et al., "Superconductivity at 40L in ...", pp. 141-144, 1987, Condensed Matter, 66 |
| | Chemical Abstracts, CA 109:161912, for BR 8,702,554, (11-87) |
| | Engler et al., "Processing, Structure, and High-Temperature Superconductivity", pp. 266-271, 1987, Chemistry of High-Temperature Superconductors, ACS Symposium Series, 351 |
| | Tarascon et al., "Oxygen and Rare-Earth Doping of the 90-K Superconducting Perovskite YBa ₂ Cu ₃ O _{7-x} ", pp. 226-234, July 1, 1987, Physical Review B, 36(1) |
| | Hor et al., "High-Pressure Study of the New Y-Ba-Cu-O Superconducting Compound System", pp. 911-912, March 2, 1987, Physical Review Letters, Vol. 58, No. 9 |

Examiner

Date Considered

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

This will acknowledge receipt of the following:

1. Transmittal with Fee Transmittal by Certificate of Mailing
2. Petition for Two Month Extension of Time by Certificate of Mailing
3. Amendment in Response to Office Action
4. Information Disclosure Statement with PTO-1449 and references (2)
5. Permission to charge Deposit Account # 19-2380 in the amount of \$600.00
(\$420 EOT Fee; \$180 IDS Fee)

In re Patent Application of:

Inventor(s): Shunpei YAMAZAKI

Serial No.: 08/065,757

Filed: May 24, 1993

Title: SUPERCONDUCTING CERAMICS

Due date: April 5, 2004

Docket No. 740756-875



PLEASE DATE STAMP AND RETURN

[JLC/plp] 8683
Date: 4/5/2004

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U.S. TRADEMARK OFFICE
WASH. D.C.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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|------------------------|------------------|
| Application Number | 08/065,757 |
| Filing Date | May 24, 1993 |
| First Named Inventor | Shunpei YAMAZAKI |
| Art Unit | 1755 |
| Examiner Name | Carol Koslow |
| Attorney Docket Number | 740756-875 |

U.S. PATENT DOCUMENTS

| Examiner Initials ¹ | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------------------|-----------------------|--|-----------------------------|---|---|
| | | Number - Kind Code ² (if known) | Publication Date MM-DD-YYYY | | |
| C | | US-4,996,185 | 02/26/1991 | Fujimori et al. | |
| | | US-5,036,043 | 07/30/1991 | Subramanian | |
| US- | | | | | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials ¹ | Cite No. ¹ | Foreign Patent Document | | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ³ |
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

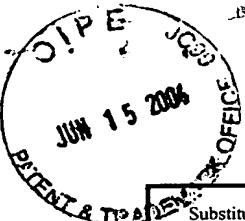
| | | | |
|--------------------------------|-----------------------|---|----------------|
| Examiner Initials ¹ | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ³ |
| | | Extended Abstracts of Annual Scholar Meeting (The 36 th Spring Meeting, 1989) 2A-E-7/pp. 101 | |
| | | Extended Abstracts of Annual Scholar Meeting (The 36 th Spring Meeting, 1989) 2A-E-8/pp. 101 | |
| | | U.S. Patent Application Serial No. 07/839,254, filed: March 26, 1992, Shunpei YAMAZAKI, "Superconducting Ceramics" | |

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|--------------------|--|-----------------|---------|
| Examiner Signature | | Date Considered | 4/30/04 |
|--------------------|--|-----------------|---------|

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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| <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(use as many sheets as necessary)</p> | | | | <i>Complete if Known</i> | |
| Substitute for form 1449A/PTO | | | | Application Number | 08/065,757 |
| | | | | Filing Date | May 24, 1993 |
| | | | | First Named Inventor | Shunpei YAMAZAKI |
| | | | | Art Unit | 1755 |
| | | | | Examiner Name | Carol Koslow |
| Sheet | 1 | of | 1 | Attorney Docket Number | 740756-875 |

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|--|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Application of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ Number ⁴ (if known) | | | | |
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| OTHER PRIORITY - NON-PATENT LITERATURE DOCUMENTS | | | |
|--|-----------------------|---|----------------|
| Examiner Initials | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | | Extended Abstracts of Annual Scholar Meeting (The 36 th Spring Meeting, 1989) 2A-E-7/pp. 101 | |
| | | Extended Abstracts of Annual Scholar Meeting (The 36 th Spring Meeting, 1989) 2A-E-8/pp. 101 | |
| | | U.S. Patent Application Serial No. 07/859,254, filed: March 26, 1992, Shunpei YAMAZAKI, "Superconducting Ceramics" | |

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|-----------------------|--|--------------------|--|
| Examiner Signature | | Date Considered | |
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¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Clean copy of the PTO Form 1449 that was received in PTO 4/7/4